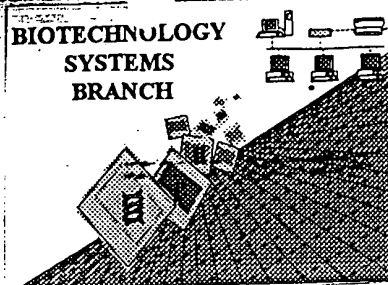


## RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/478,188  
Source: 1652  
Date Processed by STIC: 12-29-00

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JAN 10 2001  
TECH CENTER 1800/2000

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin30help@uspto.gov](mailto:patin30help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

### Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

1652

RAW SEQUENCE LISTING                      DATE: 12/29/2000  
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Does Not Comply  
 Corrected Diskette Needed  
 see p. 6

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276 cagatccgc tcacggggcg tgcgcggcgc tttcgcgaga ggggcagcgg ccggtccgt 8940
277 gacgcggcg agcacctcgg tgaggtcgcg gaactccatg ctcaagtagt cggcgatgt 9000
278 cttgcccgtg atccggacgt cgaagcgcg gcggttgagc cgcgcgcgcc ggcaggaggg 9060
279 acagactcgg tcggtgacga aacgttcgat gaactcgcgc ttgcggtcgc tcagcgcgct 9120
280 gaggtcgcgc ttgaagttga gccgctcgaa ccggtcgccc aacccctcgt agttcgtctg 9180
281 gaactcgggt ctttgggtct tcagcgtcac cttcccgcgg gtcgcgcgca gcagcgtgtc 9240
282 cagctcctcg gcgtgtact cggcgatcgg cttggccgga tcacagcggc cggacttcgc 9300
283 ccagatctgc cagtcggggc taccacctt gtactcggg aaaaggacgc cccgctcgc 9360
284 cagggacttc gacggttcca gcatctgtc caagtcgagg gcgatgctct ggcggagacc 9420
285 gtcgcagtc gccgcacatg cctgggggtc gttgaacgag aacgcggaga cgcgagcga 9480
286 ggaagccccc tgcctctcg tctggcgaa ccgtgcgaac agggcccgga tcacggtcg 9540

```

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09/478,188

p.6

<210> 101  
<212> DNA  
<213> Artificial Sequence

Seg #101

Missing mandatory <211>  
feature: length of sequence.

<220>  
<223> Description of Artificial Sequence: primer

<220>  
<223> partial ORF

<400> 101

Missing sequence number 101.

<210> 102  
<211> 18  
<212> DNA  
<213> Artificial Sequence

Note: If intended  
to be a skipped sequence,  
proper format is:

<210> 101

<400> 101

000

VERIFICATION SUMMARY                      DATE: 12/29/2000  
PATENT APPLICATION:    US/09/478,188              TIME: 11:55:09

Input Set : A:\M-8960-1.app  
Output Set: N:\CRF3\12292000\I478188.raw

L:2435 M:282 W: Numeric Field Identifier Missing, <211> is required.